

**CHEMICAL ARRAY FABRICATION AND USE**

**ABSTRACT OF THE DISCLOSURE**

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A method of using an addressable array of biopolymers on a substrate includes receiving the addressable array and an associated machine readable identifier carried on an array substrate or array housing. The array is exposed to a sample and read, and the identifier machine read as an identifier signal. Biological function data for one or more of the  
10 biopolymers is retrieved from a memory based on the identifier signal. Other methods in which first and updated sets of feature characteristic data may readily be provided to array users, and methods of generating arrays are also provided, as are apparatus and computer program products which can execute a method for generating or using arrays.